

CLAIMS

What is claimed is:

1           1.     A method for holding a print job requiring unavailable resources,  
2     the method comprising:

3                   (a)     evaluating the resource requirements of the print job;

4                   (b)     comparing the resource requirements to known available  
5     resources; and,

6                   (c)     responsive to a resource deficiency exposed by the  
7     comparison, communicating the print job to a printer with a command to hold  
8     the print job.

1           2.     The method of claim 1 further including responsive to the resource  
2     deficiency exposed by the comparison:

3                   (a)     creating instructions for remedying the resource deficiency;

4     and,

5                   (b)     providing the instructions to a remedy provider.

1           3.     The method of claim 2 wherein providing the instructions to the  
2     remedy provider includes printing the instructions.

1           4.     The method of claim 2 wherein providing the instructions to the  
2     remedy provider includes displaying the instructions on the printer.

1           5.     The method of claim 2 further including:

2                   (a)     the remedy provider remedying the resource deficiency;

3     and,

4                   (b)     the printer processing the print job.

1           6.     The method of claim 1 wherein comparing the resource  
2 requirements to known available resources includes:  
3               (a)     discovering available resources for the printer; and,  
4               (b)     comparing the resource requirements to the discovered  
5 available resources.

1           7.     The method of claim 1 further including:  
2               (a)     communicating to the printer the resource deficiency;  
3               (b)     monitoring the resource deficiency for a remedy; and,  
4               (b)     responsive to the remedy of the resource deficiency,  
5 processing the print job.

1           8.     A system for holding a print job requiring unavailable resources,  
2 the system comprising:  
3               (a)     a print driver configured to evaluate the resource  
4 requirements of the print job;  
5               (b)     the print driver further configured to compare the resource  
6 requirements to known available resources; and,  
7               (c)     the print driver further configured to respond to a resource  
8 deficiency exposed by the comparison, by communicating the print job to a  
9 printer with a command to hold the print job.

1           9.     The system of claim 8 further including a remedy provider and  
2 wherein the print driver is further configured to respond to a resource deficiency  
3 exposed by the comparison by creating instructions for remedying the resource  
4 deficiency and providing the instructions to a remedy provider.

1           10.    The system of claim 9 wherein the print driver configured to  
2 respond to a resource deficiency exposed by the comparison by providing the  
3 instructions to a remedy provider includes the print driver configured to respond

4 to a resource deficiency exposed by the comparison by communicating the  
5 instructions to the printer for printing.

1 11. The system of claim 9 wherein the print driver configured to  
2 respond to a resource deficiency exposed by the comparison by providing the  
3 instructions to a remedy provider includes the print driver configured to respond  
4 to a resource deficiency exposed by the comparison by communicating the  
5 instructions to the printer for display on the printer.

1 12. The system of claim 9 further including:

- 2 (a) means for the remedy provider remedying the resource  
3 deficiency; and,  
4 (b) the printer configured to process the print job.

1 13. The system of claim 8 wherein the print driver further configured  
2 to compare the resource requirements to known available resources includes:

- 3 (a) the print driver further configured to discover available  
4 resources for the printer; and,  
5 (b) the print driver further configured to compare the resource  
6 requirements to discovered available resources.

1 14. The system of claim 8 further including:

- 2 (a) the driver configured to communicate the resource  
3 deficiency to the printer;  
4 (b) the printer configured to monitor the resource deficiency for  
5 a remedy; and,  
6 (c) the printer configured to respond to the remedy of the  
7 resource deficiency by processing the print job.

1           15. A program storage device readable by a computer, tangibly  
2           embodying a program, applet, or instructions executable by the computer to  
3           perform method steps for holding a print job requiring unavailable resources, the  
4           method steps comprising:

- 5                   (a) evaluating the resource requirements of the print job;  
6                   (b) comparing the resource requirements to known available  
7           resources; and,  
8                   (c) responsive to a resource deficiency exposed by the  
9           comparison, communicating the print job to a printer with a command to hold  
10          the print job.

1           16. The program storage device of claim 15 wherein the method steps  
2           further include responsive to the resource deficiency exposed by the  
3           comparison:

- 4                   (a) creating instructions for remedying the resource deficiency;  
5           and,  
6                   (b) providing the instructions to a remedy provider.

1           17. The program storage device of claim 16 wherein the method step  
2           of providing the instructions to the remedy provider includes printing the  
3           instructions.

1           18. The program storage device of claim 16 wherein the method step  
2           of providing the instructions to the remedy provider includes displaying the  
3           instructions on the printer.

1           19. The program storage device of claim 15 wherein the method step  
2           of comparing the resource requirements to known available resources includes:

- 3                   (a) discovering available resources for the printer; and,

1           20.    The program storage device of claim 15 wherein the method steps  
2    further include communicating to the printer the resource deficiency;